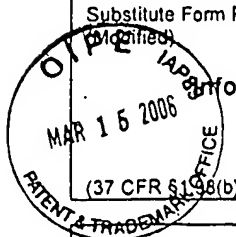


Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17601-043001	Application No. 10/630,345
<b>Information Disclosure Statement</b> <b>by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Joseph A. Zupanick	
		Filing Date July 29, 2003	Group Art Unit 3673

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A1						
	A2						
	A3						
	A4						
	A5						
	A6						
	A7						
	A8						
	A9						
	A10						
	A11						

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	B1							
	B2							
	B3							
	B4							
	B5							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
JK	C1	Notification Concerning Transmittal of Copy of International Preliminary Report on Patentability (1 page), International Preliminary Report on Patentability (1 page), and Written Opinion of the International Searching Authority (5 pages) mailed February 9, 2006 for International Application No. PCT/US2004/024518
	C2	
	C3	
	C4	

Examiner Signature <u>JK /John Kreck/ (09/20/2006)</u>	Date Considered
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**Information Disclosure Statement  
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(Use several sheets if necessary)

(37 CFR 1.98(b))

Applicant

Joseph A. Zupanick

Filing Date

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Group Art Unit

3673

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	C109	T.L. Logan, J.J. Schwoebel and D.M. Horner, "Application of Horizontal Drainhole Drilling Technology for Coalbed Methane Recovery," SPE/DOE 16409, Society of Petroleum Engineers/U.S. Department of Energy, Copyright 1997, 12 pages
	C110	Samuel O. Osisanya and Robert F. Schaffitzel, "A Review of Horizontal Drilling and Completion Techniques for Recovery of Coalbed Methane," SPE 37131, Society of Petroleum Engineers, Copyright 1996, 13 pages
	C111	S.D. Joshi, "A Review of Horizontal Well and Drainhole Technology," SPE 16868, Society of Petroleum Engineers, Copyright 1987, 17 pages
JK	C112	R. Bitto, A.B. Henderson and L. Broussard, "Recent Case Histories of New Well Applications for Horizontal Drilling," SPE 21262, Society of Petroleum Engineers, Copyright 1990, 12 pages

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17601-043001	Application No. 10/630,345
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Joseph A. Zupanick	
		Filing Date July 29, 2003	Group Art Unit 3673

Other Documents (include Author, Title, Date, and Place of Publication)		
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JK	C113	M.R. Konopczynski, John Hughes and J.E. Best, "A Novel Approach to Initiating Multi-Lateral Horizontal Wells," SPE/IADC 29385, Society of Petroleum Engineers, Copyright 1996, 11 pages
	C114	Kelly Falk and Craig McDonald, "An Overview of Underbalanced Drilling Applications in Canada," SPE 30129, Society of Petroleum Engineers, Copyright 1995, 9 pages
	C115	"Evolution Toward Simpler, Less Risky Multilateral Wells," WORLD OIL, prepared from paper SPE/IADC 67825 by Adam Pasicznyk, June 2001, 8 pages
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	C133	Victor M. Luhowy and Peter D. Sametz, "Horizontal Wells Prove Effective in Canadian Heavy-Oil Field," OIL & GAS JOURNAL, June 28, 1993, 6 pages
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	C142	D.P. Schlick and J.W. Stevenson, "Methane Degasification Experience at Jim Walter's," Proceedings of the Twelfth Annual Institute on Coal Mining Health, Safety and Research, August 25-27, 1981, 9 pages
	C143	P.C. Thakur, "Optimum Methane Drainage in Gassy Coal Mines," 2003 SME Annual Meeting, copyright 2003 by SME, 4 pages
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	C145	Paul F. Conti and Michael Schumacher, "Solution Mining in the Nineties," Presented at the Fall 1991 meeting of the Solution Mining Research Institute, October 27-30, 1991, 11 pages
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JK	C147	Pratt et al., U.S. Patent Application entitled "Cavity Well System," S/N 11/141,335, May 31, 2005, 19 pages

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